

## Cyclophilin A from Human, Recombinant

Cat. No. NATE-0823

Lot. No. (See product label)

### Introduction

**Description** Cyclophilins are peptidyl prolyl isomerases that catalyze the cis-trans isomerization of X-Pro peptide bonds. They are highly-conserved cytoplasmic enzymes that accelerate protein folding and facilitate HIV infectivity. Cyclosporin A binds to cyclophilin and inhibits its activity. The cyclosporin A-cyclophilin complex binds to calcineurin and inhibits T-cell activation. The structure of human, recombinant cyclophilin is given by Holzman, et al.

**Synonyms** PPIase; cyclophilin; peptide bond isomerase; peptidyl-prolyl cis-trans isomerase; peptidylprolyl isomerase; EC 5.2.1.8; 95076-93-0; PPIA; CYPA; CYPH; HEL-S-69p

### Product Information

<b>Species</b>	Human
<b>Source</b>	E. coli
<b>Form</b>	Buffered aqueous solution
<b>EC Number</b>	EC 5.2.1.8
<b>CAS No.</b>	95076-93-0
<b>Purity</b>	>95% (SDS-PAGE)
<b>Concentration</b>	>0.3 mg/ml
<b>Buffer</b>	20mM Tris, pH 8.0, containing 20 mM NaCl, 0.5 mM DTT and 10% glycerol

### Storage and Shipping Information

**Storage** Store at -20°C